



GOVERNMENT OF THE DISTRICT OF COLUMBIA
Department of Consumer and Regulatory Affairs
Schedule of Special Inspections

Name of Agency _____ Date _____

Work Type	Description	Y/ N	Firm	Continuous	Periodic	IBC Section	Other Standard	Non Chapter 17
Site								
Location of work per site plan	Field test and inspection					1704.7.1		
Soil compaction	Field test and inspection-density test					1704.7.3		
Foundation sub-grade & bearing capacity	Field test and inspection							
Fill placement	Field test and inspection					1704.7.2	IBC3304	
Pile Foundation								
Verify pile materials, sizes, and lengths comply with requirements and construction documents	Field inspection-per approved construction documents			X		1704.8		
Determine capacities of test piles and conduct additional load test as required	Field Inspection-per approved construction plans			X		1704.8		
Observe driving operations and maintain complete and accurate records for each pile	Field inspections-per approved constructions documents			X		1704.8		
Verify placement locations and plumbness, confirm type and size of hammer, record number of blows per foot of penetration, verify required penetrations to achieve design capacity, record tip and butt elevations and document any pile damage	Field inspections-per approved construction documents			X		1704.8		
For steel piles, perform additional inspections per Section 1704.3	Field inspection-per approved construction documents					1704.8		
For concrete piles and concrete-filled piles, perform additional inspections per section 1704.4	Field inspections per approved-construction documents					1704.8		
For specialty piles, perform additional inspections determines by the registered design professional in responsible charge	Field inspections per approved construction documents					1704.8		
For augured uncased piles, perform inspections per section 1704.9	Field inspections per approved construction documents					1704.8		

Reinforcing steel	Field inspections per approved construction documents				X	1704	ACI 318	1913.4
Reinforcing steel welding	Field inspections per approved construction documents					1704.3	AWS D1.4, ACI 318	
Bolts	Field inspections prior to and during placement per approved construction documents					1704.3		1911.5
Design Mix	Field inspections per approved construction documents			X		1704	ACI 318	1904.2.2, 1913.2, 1913.3
Samples (strength, slump, air)	Field inspections, sampling per approved construction documents			X		1704	ASTM C 172, C31, ACI 318	1913.10
Placement – concrete and shotcrete	Field inspections per approved construction documents			X		1704	ACI 318	1913.6, 1913.7, 1913.8
Curing	Field inspections per approved construction documents and laboratory testing			X		1704	ACI 318	
Application of prestressed forces				X		1704	ACI 318	
Grouting and bonded prestressed tendons				X		1704	ACI 318	
Erection of precast members					X	1704	ACI 318	
Verification of in-site concrete strength, prior to stressing of tendons in post tensioned concrete and prior to removal of shores and forms from beams and structural slabs					X	1704	ACI 318	
Inspection of formwork for shape, lines, location and dimensions of concrete members being formed: shoring /reshoring					X	1704	ACI 318	
Structural Precast Concrete								
Quality controls in plant						1704.2		
Erection and installation							ACI 318	
Fire Resistance					X		ACI 189	721.2.3.1
Masonry								
Verify proportions of site prepared mortar, grout and prestressed grout for bonded tendons	Field inspections per approved construction documents				X	1704.5	ACI 530	
Verify construction of mortar	Field inspections per approved construction documents				X	1704.5	ACI 530	
Verify location of reinforcement and connectors, and placement of prestressing tendons and anchorages	Field inspections per approved construction documents				X	1704.5	ACI 530	

Verify prestressing technique	Field inspections				X	1704.5	ACI 530	
Verify size and location of structural masonry elements	Field inspections per approved construction documents				X	1704.5	ACI 530	
Verify type, size, and location of anchors, including details of anchorage of masonry to structural members , frames, or other construction	Field inspections per approved construction documents			X	X	1704.5	ACI 530	
Verify size, grade and type of reinforcement	Field inspections per approved construction documents				X	1704.5	ACI 530	
Verify welding of reinforcement bars	Field inspections per approved construction documents			X		1704.5	ACI 530	
High strength bolting Verify protection of masonry during hot/cold weather	Field inspections per approved construction documents			X	X	1704.5	ACI 530	
Verify grout space is clean prior to grouting	Field inspections per approved construction documents			X	X	1704.5	ACI 530	
Verify grout placement complies with code and construction document provisions	Field inspections per approved construction documents			X		1704.5	ACI 530	
Testing of grout specimens, motor specimens and/or prisms required by construction documents	Field inspections per approved construction documents			X		1704.5	ACI 530	
Observe preparations of prisms required by construction documents	Field inspections per approved construction documents			X		1705.4	ACI 530	
Verify compliance with testing and inspection provisions of construction documents and the approved submittals	Field testing and inspections per approved construction documents				X	1705.4	ACI 530	
Verify grade and size of prestressing tendons and anchorage	Field inspections per approved construction documents				X	1705.4	ACI 530	
Verify application of measurement of prestressing force	Field inspections per approved construction documents			X	X	1705.4	ACI 530	
Hot/Cold Weather Protection					X	1704.5.3		2104.3, 2104.4
Slabs (ground or elevated)								
Verify Thickness and Design Mix	Field inspections per approved construction documents					17040.4	ACI 318	1905.9, 1905.10, 1914.6, 1914.7, 1914.8
Verify rebar size	Field inspections per approved construction documents					1704.4	ACI 318	1903.5, 1907. 1914.4
Verify rebar spacing	Field inspections per approved construction documents					1704.4	ACI 318	1903.5, 1907, 1914.4
Rebar location in slab	Field inspections per approved construction documents					1704.4	ACI 318	1903.5, 1907, 1914.4

Floor penetrations	Field inspections per approved construction documents					1704.4	ACI 318	1905.9, 1905.10, 1914.6, 1914.7, 1914.8
Vapor Retarder and insulation								IECC
Sand and gravel								
Strength of concrete	Field inspections per approved construction documents					1704.4	ACI 318	1906.2, 1914.10
Grade of rebar or reinforcing	Field inspections per approved construction documents					1704.4	ACI 318	
Anchorage								
Inspection of Field Fabricators								
Verify fabrication/ quality control procedures (fabricator certification OK in lieu of quality control)	In plant review					1704.2		
Structural Steel								
Material verification of high-strength bolts, nuts and washers: ID markings	Review material markings and certificates of compliance					1704.3	AISC 360	
High Strength Bolting						1704.3	AISC 360 M2.5	
A. Snug-tight joints	Field inspection				X	1704.3	AISC 3	
B. Pre-tensioned and slip critical joints	Field inspection				X	1704.3	AISC 360	
1. Turn-of-nut with matching markings	Field inspections				X	1704.3	AISC 360	
2. Direct tension indicator	Field inspections				X	1704.3	AISC 360	
3. Twist-of-bolt	Field inspections				X	1704.3	AISC 360	
4. Twist-of-nut without matching markings	Field inspections			X	X	1704.3	AISC 360	
5. Calibrated wrench	Field inspections			X				
Material verification of structural steel								
1. Identification markings	Field inspections				X	1704.3	ASTM A6	
2. Certified mill test	Review submittals					1704.3	ASTM A6	
Verification of Weld Filler Material	Shop and field verification					1704.3.1		
1. Complete and partial penetration Grieve welds				X		1704.3.1	AWS D1.1	
2. Multi-pass fillet welds				X		1704.3.1	AWS D1.1	
3. Single-pass fillet welds >5/16"				X		1704.3.1	AWS D1.1	
4. Single-pass fillet welds <5/16"				X		1704.3.1	AWS D1.1	
5.								

6. Floor and deck welds					X	1704.3.1	AWS D1.1	
Reinforcing Steel Welding								
1. Verification of weldability					X		AWS D1.4	
2. Reinforcing steel-resisting Flexural and axial forces				X			AWS D1.4	
3. Shear reinforcement				X			AWS D1.4	
4. Other reinforcement					X		AWS D1.4	
Steel Frame Joint Inspections	Field Inspection							
1. Bracing and stiffening					X	1704.3		
2. Member locations					X			
3. Joint details at each location					X			
Structural steel installation	Field inspections per approved construction documents					1704.3	ASTM A6	
Structural steel-size of each member	Field inspections per approved construction documents					1704.3	ASTM A6	
Structural steel-location of members	Field inspections per approved construction documents					1704.3	ASTM A6	
Structural steel-bearing of members	Field inspections per approved construction documents					1704.3	ASTM A6	
Wood Construction								
Fabrication process of wood structural elements and assemblies	In plant, submittals and field verification				X	1704.6		
High-load diaphragms	Inspection of sheeting, framing size, number and spacing of fasteners				X	1704.6.1		
Structural wood						1704.5		
Fire resistive wood								
Fire Resistance								
Spray Fire-resistant Materials (SFRM)						1704.10		
1. Verify surface condition preparation of structural members	Field inspections per approved construction documents					1704.10		
2. Verify application of spray applied material	Field inspections per approved construction documents					1704.10		721
3. Verify average thickness, density and cohesive/adhesive	Field inspections per approved construction documents				X	1704.10.3 – 1704.10.5.2	ASTM E 605 ASTM E 736	721

bond strength of SFRM								
Mastic and Intumescent Fire Resistant Material						1704.11		
Inspect for proper application of coatings to structural elements	Field inspections per approved construction documents					1704.11	AWCI 12-B	
Exterior Insulation and Finish Systems (EIFS)						1704.12		
Verify material, details and installation	Field inspections per approved construction documents and manufactures specifications					1704.13		
Special Cases								
Unusual in nature, including but not limited to alternative construction materials, unusual design applications, systems or materials with special manufacturer requirements	Submittal review, shop inspection and/or field inspection or code modification							
Smoke Control								
Leakage testing and recording device locations	Field testing prior to concealment					1704.14	NFPA 92B	909
Pressure difference testing, flow measurement and detection and control verification	Field testing prior to occupancy					1704.14		
Tower Cranes, Personnel Hoist, Material Hoist and Construction Elevators	Foundation with load calculations Installed per approved construction documents							
Earth Retention Systems	Installed per approved design							

Firm No.	Firm Name	Telephone #	Contact Name	Email
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